Abstract

An automated modeler for modeling of an interactive system comprising at least one biological entity and at least one pharmaceutical substance, the system comprising a representation of states of said system, a knowledge tree builder, associated with said representation for allowing users to define the states, expected relationships between said states and independent inputs to the states, and a data miner associated with said representation to operate on data taken from said system to apply said data to said states in accordance with said defined relationships and inputs, thereby to apply numerical values to said relationships and said inputs, thereby to model said interactions.